

SOFTWARE ENGINEERING IN THE UNDERGRADUATE CURRICULUM

Panel Organizer:

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This presentation examines issues associated with the role that software engineering should occupy in the undergraduate computer science curriculum. Emphasis focuses on the special needs of the small college. Topics for discussion include the following:

1. In order to best serve the students of the small college, what should be the role of software engineering in the computer science curriculum.
2. For the small college, course offerings and support facilities are limited by student enrollment, faculty availability, and financial resources. Within these limitations, how can software engineering concepts be incorporated into the curriculum.
3. At the undergraduate level, what are realistic expectations with regard to teaching analysis and design techniques, in providing students with experience in software development in a large group environment, and in enabling students to experience the use of CASE-tools.

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